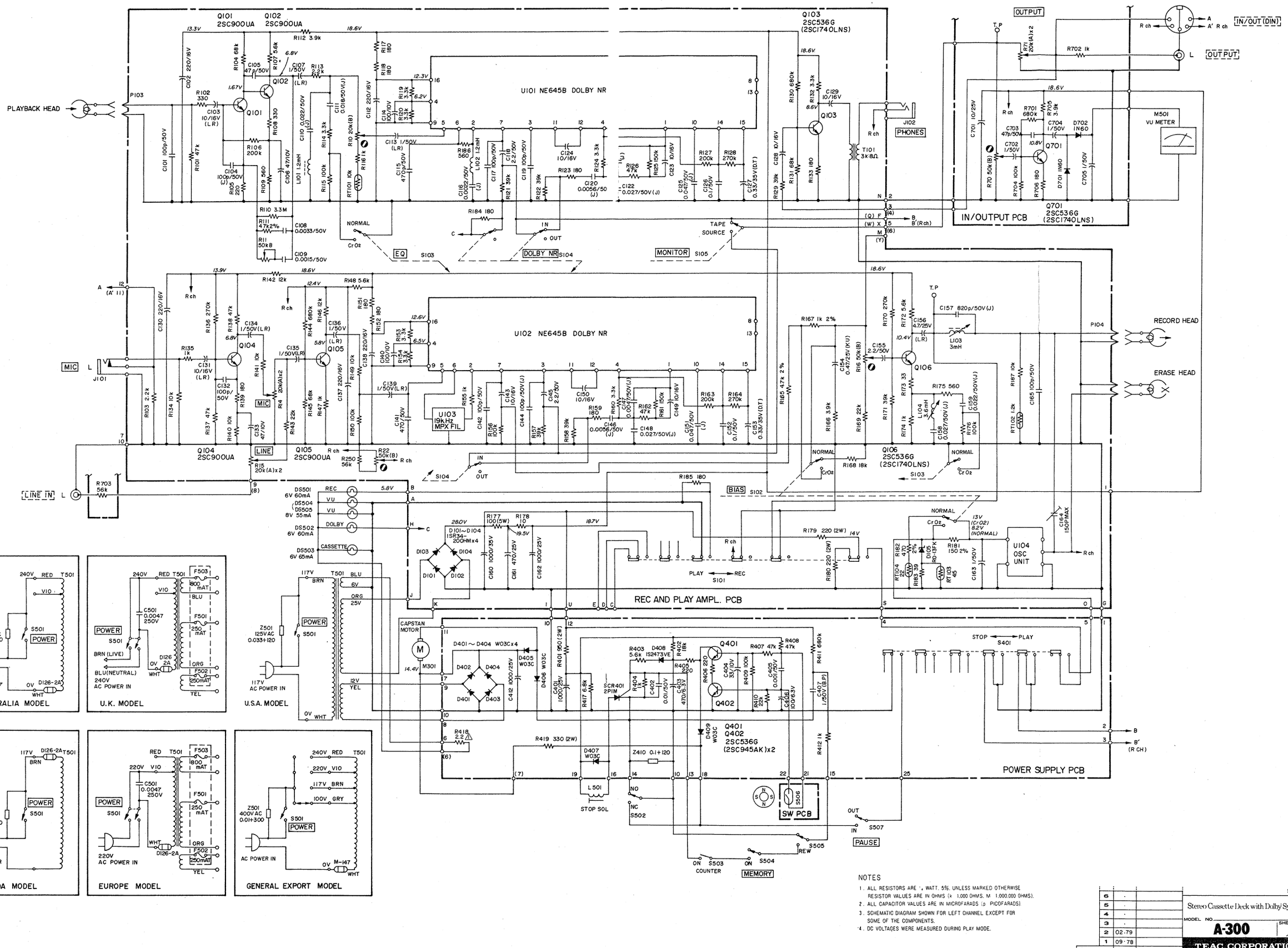
Q101 Q102 2SC900UA
Q103 2SC536G (2SC1740LNS)
U101 NE645B DOLBY NR
U102 NE645B DOLBY NR
U103 19kHz MPX FIL
U104 OSC UNIT
PLAYBACK HEAD
P103
MIC
LINE
LINE IN
J101
J102
PHONES
T101 3k:8Ω
M501 VU METER
OUTPUT
IN/OUT(DIN)
IN/OUTPUT PCB
Q701 2SC536G (2SC1740LNS)
RECORD HEAD
ERASE HEAD
P104
REC AND PLAY AMPL. PCB
POWER SUPPLY PCB
SW PCB
Q401 Q402 2SC536G (2SC945AK)x2
Q104 2SC900UA
Q105 2SC900UA
Q106 2SC536G (2SC1740LNS)
EQ S103
DOLBY NR S104
MONITOR S105
BIAS S102
PLAY ↔ REC S101
STOP ↔ PLAY S401
TAPE SOURCE
NORMAL
CrO2
IN
OUT
M301 CAPSTAN MOTOR
L501 STOP SOL
S502 NO NC
S503 COUNTER ON
S504 MEMORY ON
S505 REW
S506
S507 PAUSE IN OUT
DS501 REC 6V 60mA
DS504 DS505 VU 8V 55mA
DS502 DOLBY 6V 60mA
DS503 CASSETTE 6V 65mA
D101~D104 1SR34-200HMx4
D401~D404 W03Cx4
AUSTRALIA MODEL
U.K. MODEL
U.S.A. MODEL
CANADA MODEL
EUROPE MODEL
GENERAL EXPORT MODEL
Z501 400VAC 0.01+300
Z501 125VAC 0.033+120
Z501 250V AC 0.033+120
Z501 220V AC 0.033+120
S501 POWER
F501 250 mAT
F502 250mAT
F503 800 mAT
C501 0.0047 250V
D126 2A
AC POWER IN
240V
117V
220V
100V
BRN (LIVE)
BLU (NEUTRAL)
NOTES
1. ALL RESISTORS ARE ¼ WATT, 5%, UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (k 1,000 OHMS, M 1,000,000 OHMS).
2. ALL CAPACITOR VALUES ARE IN MICROFARADS (p PICOFARADS).
3. SCHEMATIC DIAGRAM SHOWN FOR LEFT CHANNEL EXCEPT FOR SOME OF THE COMPONENTS.
4. DC VOLTAGES WERE MEASURED DURING PLAY MODE.
S-246
Stereo Cassette Deck with Dolby System
MODEL NO. A-300
SHEET NO.
TEAC CORPORATION
REVISION DATE CHANGE NO.
6 5 4 3 2 02·79 1 09·78